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		DECLARAT	ION AND P	OWER (OF ATTORNE	Y USA/PCT	
As a be	low named inventor, I here	by declare that:					
(a)	My residence and Citizen	ship are as stated below	my name. My P.O. (mailing) addi	ress is the same as my resi	dence unless otherwise stated by and for which a patent is	1.
(b)	sought on the invention e	ntitled: ADHESIVEL	RONDED ENGIN	E INTAKE N	ANIFOLD ASSEMBLY	Y	
	and the specification of v	hich: is attached	d hereto ().				
	(check one)	⊠ was filed o	on April 4, 2001	as (<u>61</u>	<u>508</u>).		
			on No. <u>09/826,477</u>				
	•	and was a	mended on				
(c)	I hereby state that I have	reviewed and understan	d the contents of the a	bove identific	ed specification, including	the claims, as amended by	
(0)	any amendment referred t	to above.					•
(d) (e)	I acknowledge my duty u patentability as defined it information known to me prior application from wh I hereby claim foreign pri	nder 37 CFR 1.56 to dis a 37 CFR 1.56(b). If this to be material to patent aich priority is claimed it cority benefits under 35 §365(a) of any PCT into display identify below an	is application is a contability as defined in 3 in part (f) below, and (U.S.C. § 119(a)-(d) or ternational application y other foreign equiva	tinuation-in-p of CFR 1.56(l the national o of §365(b) of a of that designal lent applicati	art application, I acknowl to that became available be r PCT international filing my foreign application(s) ted at least one country of on for patent or inventor's	for patent or inventor's her than the United States of s certificate or any other	
	PRIO	R FOREIGN APPLIC	ATION(S)	P	RIORITY CLAIMED	CERTIFIED COPIES IN	iCL.
		Country or PCT	Day/Month/Yea	r Filed	_	_	
	Additional claims for	r benefit are attached.					
	any United States applicati below:	on(s), or under § 365(c)	of any PCT internati	onal applicati	on designating the United Status at Applicati	·	
	US or PCT Appin. Serie	al No.	filing Date		Status at Applicati	on rinng Date	
	· 						
	Additional claims for	or benefit are attached.			<u>-</u>		•
	I hereby appoint the attor Patent and Trademark Of	ney(s) and/or agent(s) a fice connected therewith	the following Custor h. Address all correspo	ner No. to propondence to Ti	osecute this application ar the Dow Chemical Compa	nd to transact all business in t ny's appointed counsel at:	he .
			 (0)(1)(6)				
This as	pointment including the r	ight to delegate this ann	ointment, shall also a	oply to the sa	me extent it is applicable	under the laws of the United	States of
Americ	ca to any proceedings estab	lished by the Patent Co	operation Treaty.				
	nd further that these statem conment, or both under 18 U	ents are made with the l	enowledge that willful	false stateme	ents and the like so made	nation and belief are believed are punishable by fine or e application or any patent is	
	Inventor(s):						
	At: Midland, Michigan	48326 TIS A		At: Auburi	Hills, Michigan 48326,	U.S.A.	
	this day of	√ ∪ ,~ (~	. 20 0/	this 22 da	y of June	2001	
			,		0	1 1	
	9	5 21		s: . /	Camell C	vulla	
	Signature:	17/		Signature:	David M. Courte		
		R. Jones Moorland Drive		Residence:	3928 Bristol Cou		
		and, Michigan 48640			Clarkston, Michi		
		d States of America		Country:	United States of	Q	
		d States of America		Citizenship			•
		As Residence		P. O. Addre	ss: Same As Resider	ice	
	At: Auburn Hills, Mich	igan 48326, U.S.A.	20 (1)	At: <u>Auburr</u> this 20	n Hills, Michigan 48326,	U.S.A.	
	this 26 day of	(MC	_, 20 <u><i>O!</i></u>	uns AU	uay vi	, 20 <u>P(</u>	
	•	/ .				4 /	

Full Name: Residence:

Signature:

Kenneth J. Ritzema

7648 Red Oak Valley Drive

Clarkston, Michigan 48348-4179 United States of America

Country: Citizenship: P. O. Address:

United States of America Same As Residence Signature: 13/3/4 11/2
Full Name: Marc A. McMaken

Country:

Citizenship:

Residence: 67714 Gleason

Richmond, Michigan 48062 United States of America

United States of America

P. O. Address: Same As Residence

Page two of two

Docket Ref.: <u>61508</u>

Additional names, addresses and signatures to be attached to Form No. 1000 Entitled: DECLARATION AND POWER OF ATTORNEY

At: Auburn Hills, Michigan 48326, U.S.A.	At:
this 90 day of	this day of, 20
Signature: Full Name: Selamawit Asfaw 1924 Axtell Road, Apt. #6 Troy, Michigan 48084 Country: United States of America Citizenship: United States of America P. O. Address: Same As Residence	Signature: Full Name: Residence: City, State, Zip: Country: Citizenship: P. O. Address:
At: day of, 20	At:
this day of, 20	this day of, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
City, State, Zip:	City, State, Zip:
Country:	Country:
Citizenship:	Citizenship:
P. O. Address:	P. O. Address:
·	
Δt•	At:
At: day of, 20	this day of, 20
	S:
Signature:	Signature: Full Name:
Full Name:	Residence:
Residence:	City, State, Zip:
City, State, Zip: Country:	Country:
Country:	Citizenship:
P. O. Address:	P. O. Address:
1. O. Audicos.	
	·
At:	At:
At: day of, 20	this day of, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
City, State, Zip:	City, State, Zip:
Country:	Country:
Citizenship:	Citizenship:
	P. O. Address:
P. O. Address:	F. O. Address.



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UNITED STATE DEPARTMENT OF COMMERCE Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 10, 2001

PTAS
DOBRUSIN DARDEN THENNISCH & LORENZ PC
ERIC M. DOBRUSIN
401 S. OLD WOODWARD AVENUE, SUITE 311
BIRMINGHAM, MI 48009



101771601A

1062-607

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/28/2001

REEL/FRAME: 011942/0276 /

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JONES, BART R.

DOC DATE: 06/19/2001

ASSIGNOR:

COURTER, DAVID M.

DOC DATE: 06/22/2001

ASSIGNOR:

RITZEMA, KENNETH J.

DOC DATE: 06/26/2001

ASSIGNOR:

MCMAKEN, MARC A.

DOC DATE: 06/20/2001

ASSIGNOR:

ASFAW, SELAMAWIT

DOC DATE: 06/20/2001

ASSIGNEE:

DOW CHEMICAL COMPANY, THE 2030 DOW CENTER MIDLAND, MICHIGAN 48674 Received

SEP 14 2001

Dobrusin & Thennisch, P.C.

011942/0276 PAGE 2

SERIAL NUMBER: 09826477

PATENT NUMBER:

FILING DATE: 04/04/2001

ISSUE DATE:

PEARLENE FOSTER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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FORM 110 (R 5/97)

This Assignment 110 is in the ENGLISH banguage and has the same meaning &

Docket Ref. 61508

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

ADHESIVELY BONDED ENGINE INTAKE MANIFOLD ASSEMBLY

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

> THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 **United States of America**

	a corporation organized and existing under the laws of the State of DELAWARE, U.S.A.				
		ed to as the "Assignee");			
	my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or				
			Letters Patent in its own name, or in the name of its designee (or g or equivalent applications in any and all countries, including all		
			g or equivalent applications in any and all countries, including all nternational Convention(s) and Treaties in the name of Assignee, and		
		ze Assignee or its designee to insert here the	meritational convention(s) and recause in the name or Assignee, and		
	do notos, audis-	N 1 100 g			
	Application No. 09		Filing Date April 4, 2001		
		nited States of America	l; and in and to any Letters Patent that may be issued for the		
٠.			i; and in and to any Letters Patent that may be issued for the st Assignee in the prosecution of the application(s) and in any		
			involving the invention or the patent or patents thereon, and to		
			ications derived from, corresponding to or equivalent to the above		
			reby authorize Assignee or its designee (or nominee(s)) to insert here		
	any corresponding	g equivalent			
		Filing	Date		
	in country				
			untry's patent property must be identified and entered hereinabove		
			designee to translate this Assignment into all languages necessary;		
			ee; and consent to the recordal of this Assignment, or a Notarial True power to make the same, but also that such assigned rights are not		
		y grant, license, or other right heretofore give			
	cheminos of m.	A Right monney or owner right mercenters Price			
Subscribed	d and Declared by m	e/us:			
	At: Midland,	Michigan 48674, U.S.A.	At: Auburn Hills, Michigan 48326, U.S.A.		
	this <u>19</u> day	of 1026,2001	this 22 day of Jone , 200 (
	Effective as of	April 4, 2001	Effective as of April 4, 2001		
		150	dh. Million to		
	Signature:	- Control of the cont	Signature: Ward VI William		
	Full Name:	Bart R. Jones	Full Name: David M. Courter		
	Residence:	4201 Moorland Drive	Residence: 3928 Bristol Court		
		Midland, Michigan 48640	Clarkston, Michigan 48348		
	Country:	United States of America	Country: United States of America		
	Citizenship:	United States of America	Citizenship: United States of America		
	P. O. Address:	Same as Residence	P. O. Address: Same as Residence		
	Employed By:	The Dow Chemical Company	Employed By: The Dow Chemical Company		
	Of Country:	United States of America	Of Country: United States of America		
			,		
	At: Auburn H	ills, Michigan 48326, U.S.A.	At: Auburn Hills, Michigan 48326, U.S.A.		
		y of	this 20 day of		
	Effective as of		Effective as of April 4, 2001		
	i	Thus I hit	Signature: Marc Mc Maken		
	Signature: Full Name:	Kenneth J. Ritzema	Full Name: Marc A. McMaken		
	Residence:	7648 Red Oak Valley Drive	Residence: 67714 Gleason		
	Residence.	Clarkston, Michigan 48348-4179	Residence: 67/14 Gleason Richmond, Michigan 48062		
	Country	United States of America	·		
	Country: Citizenship:	United States of America			
	P. O. Address:	Same as Residence			
		The Dow Chemical Company			
	Employed By:	United States of America	Employed By: The Dow Chemical Company		
	Of Country:	United States of America	Of Country: United States of America		

Page two of two

Docket Ref.: <u>61508</u>

Additional names, addresses and signatures to be attached to Form No. 110 Entitled: INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

At: Auburn Hills, Michigan 48326, U.S.A.	At:	
this _2() day of	this day of, 20_	 .
Effective as of April 4, 2001		
Enterare as appliance, 2001		
Signature Schamot W	Signature:	
Full Name: Selamawit Asfaw	Full Name:	•
	Residence:	
	City, State, Zip:	
Troy, Michigan 48084	Country:	
Country: United States of America	Citizenship:	•
Citizenship: United States of America	P. O. Address:	
P. O. Address: Same As Residence	r. O. Address.	
Employed By: The Dow Chemical Company		
Of Country: United States of America		· · · · · · · · · · · · · · · · · · ·
At:	At:	
At: day of, 20	At: day of, 20_	
•		
Signature:	S:	•
Full Name:	Signature:	_
Residence:	Full Name:	
	Residence:	•
City, State, Zip:	City, State, Zip:	
Country:	Country:	
Citizenship:	Citizenship:	
P. O. Address:	P. O. Address:	•
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At:	At: day of, 20	
this day of, 20	mis	
Signature:	Signature:	_
Full Name:	Full Name:	
Residence:	Residence:	
City, State, Zip:	City, State, Zip:	
Country:	Country:	
Citizenship:	Citizenship:	
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At:	At: day of , 20	
this day of, 20	this day of, 20_	 .
	'	
	·	
Signature:	Signature:	_
Full Name:	Full Name:	
Residence:	Residence:	
	City, State, Zip:	
City, State, Zip:	Country:	
Country:		
Citizenship:	Citizenship:	
P. O. Address:	P. O. Address:	
	•	

em ememememememememem This Assignment 222 is in the ENGLISH language and has the same meaning in other languages with the same 222 number and R/Date

FORM 222

Docket Ref. 61508

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)	
On this 19 th day of 5c before me,	いた) BART R. JO	, 20 <u>©\</u> , personally appeared
known or identified to me to be foregoing document and acknopurposes therein expressed.	the individual des	scribed in and who executed the as a free act and deed for uses and
SEAL		Notary Public Karen A. LaCroix NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES FEBRUARY 10, 2005
NOTARIA	L CERTIFICA	TE (INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Oakland)) SS)	
On this 30 day of	DAVID M. CO	, 20 $O/$ _, personally appeared
known or identified to me to be foregoing document and acknopurposes therein expressed.	the individual de	scribed in and who executed the as a free act and deed for uses and
SEAL SEAL		Notary Public Mildred F. McKenzie Notary Public, Oakland County, Michigan My Commission Expires December 19, 2004
NOTARIA	L CERTIFICA	TE (INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Oakland)) SS)	
On this <u>26</u> day of before me,	June	, 20 <u>O/</u> , personally appeared
known or identified to me to be foregoing document and acknopurposes therein expressed.	KENNETH J. Is the individual de wledged the same	scribed in and who executed the as a free act and deed for uses and
•		Meldal & Mekongie Notary Public
SEAL		MODELY PRODUC

Mildred F. McKenzie
Notary Public, Oakland County, Michigan
My Commission Expires December 19, 2004

FORM 222

Docket Ref. 61508

NOTARIAL CERTIFICATE (INDIVIDUAL)

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. SEAL Notary Public, Oakland County, Michigan Ny Commission Expires December 19, 2004 NOTARIAL CERTIFICATE (INDIVIDUAL) UNITED STATES OF AMERICA STATE OF MICHIGAN On this Oakland On this Oakland On this Oakland SELAMAWIT ASFAW known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. Mildred F. McKenzie Notary Public. Oakland County, Michigan Notary Public. Oakland County, Michigan Notary Public. Oakland County, Michigan Mildred F. McKenzie	known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. SEAL Notary Public, Oakland County, Michigan Notary Public, Oakland County, Michigan Ny Commission Expires December 19, 2004 NOTARIAL CERTIFICATE (INDIVIDUAL) UNITED STATES OF AMERICA STATE OF MICHIGAN On this Oakland On this Oakland On this Oakland SELAMAWIT ASFAW known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. SEAL Notary Public Notary Public	UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Oakland) SS)		
SEAL NOTARIAL CERTIFICATE (INDIVIDUAL) UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Oakland On this Oakland On this Oakland On this Oakland SELAMAWIT ASFAW known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. SEAL Mildred F. McKenzie Notary Public Nota	SEAL Notary Public, Oskland On this of Day of SELAMAWIT ASFAW known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. NOTARIAL CERTIFICATE (INDIVIDUAL) NOTARIAL CERTIFICATE (INDIVIDUAL) UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Oakland) On this oday of	before me,	MARC A. MC	CMAKEN	
NOTARIAL CERTIFICATE (INDIVIDUAL) NOTARIAL CERTIFICATE (INDIVIDUAL) UNITED STATES OF AMERICA STATE OF MICHIGAN On this 20 day of	NOTARIAL CERTIFICATE (INDIVIDUAL) NOTARIAL CERTIFICATE (INDIVIDUAL) UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Oakland) On this 20 day of	foregoing document and ackr	æ the individual des lowledged the same	meldiet Meten	·
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Oakland) On this O day of O D D D D D D D D D D D D D D D D D D	UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Oakland) On this 20 day of	SEAL			
STATE OF MICHIGAN County/Farish of Oakland On this 20 day of	STATE OF MICHIGAN) SS County/Parish of Oakland) On this 20 day of	NOTARI	AL CERTIFICA	TE (INDIVIDUAL)	
known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. SEAL Notary Public Mildred F. McKenzie Notary Public Ostland County, Michigan	before me, SELAMAWIT ASFAW known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. SEAL Notary Public Mildred F. McKenzie Notary Public On Michigan	STATE OF MICHIGAN			
foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. SEAL Notary Public Mildred F. McKenzie Notary Public Oakland County, Michigan	foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. SEAL Notary Public Mildred F. McKenzie Notary Public Ozyland County, Michigan	before me,	SELAMAWIT	T ASFAW	Į
Mildred F. McKenzie Notary Public Oakland County, Michigan	Mildred F. McKenzie Notary Public, Oakland County, Michigan	foregoing document and ack	he the individual de	escribed in and who executed the	
Notary Public Oakland County, Michigan	Notary Public, Oakland County, Michigan	SEAL		Notary Public	٦.
My Commission Expires December 19, 2004		A Section of the sect		Notary Public, Oakland County, Michigan	



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AUGUST 28, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231 www.uspto.gov

102141230A

DOBRUSIN & THENNISCH PC ERIC M. DOBRUSIN 401 S. OLD WOODWARD AVENUE SUITE 311 BIRMINGHAM, MI 48009

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

1042-007

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 06/25/2002

REEL/FRAME: 013031/0246

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DOW CHEMICAL COMPANY, THE

DOC DATE: 06/03/2002

ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC. WASHINGTON STREET 1790 BUILDING MIDLAND, MICHIGAN 48674

SERIAL NUMBER: 09826477

PATENT NUMBER:

FILING DATE: 04/04/2001

ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Received
SEP 0 3 2002

Dobrusin & Thennisch, P.C.

- A-VE-W	
FORM PTO-1595 (Rbv. 6-93) OMB No. 0651-00;11 (exp. 4/94)	7-09-2001 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings ⇒ ⇒ ⇒ ▼ July 2 8 2001	
To the Honorable Commissioner of Patents and	original documents or copy thereof.
1. Name of conveying party(ies): TRADE 1	771601 réceiving party(ies):
Bart R. Jones Q 20	Name: The Dow Chemical Company
David M. Courter	
Kenneth J. Ritzema	Internal Address:
Additional name(s) of conveying party(les) attached?	
3. Nature of conveyance:	
Assignment	Street Address: 2030 Dow Center
Security Agreement Change of Name	
☐ Other	City: Midland State: MI ZIP: 48674
Execution Date: <u>June 19, 20, 22, 26, 2001</u>	Additional name(s) & address(es) attached?
 Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) 09/826,477 	n, the execution date of the application is: B. Patent No.(s)
Additional numbers atta	ched? Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Eric M. Dobrusin	7. Total fee (37 CFR 3.41)ss 40.00
Internal Address: <u>Dobrusin Darden Thennisch & Lorenz PC</u>	
•	☑ Enclosed
	Authorized to be charged to deposit account
Street Address: 401 S. Old Woodward Avenue, Suite 311	8. Deposit account number:
City: Birmingham State: MI ZIP: 48009	(Attach duplicate copy of this page if paying by deposit account)
DO NOT	USE THIS SPACE
the original document. Eric M. Dobrusin Name of Person Signing	Signature ation is five afd correct and any attached copy is a true copy of Date
Total number of pages including cov	er sheet, attachments, and document:

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JUN 2 8 2001

(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	PATE	NTS ONLY	0.5.	Patent and Tradem	
Name of conveying party(i	ies):		•		· · · · · · · · · · · · · · · · · · ·
Marc A. McMal	(en	- .	Selamawit A	sfaw	
		- -			
Additional name(s) of conveying party(ies	a) attached? Y	es No	х	
2. Name and address of receiving	ng party(ies):				
Name:			•	·	
Internal Address:		·			<u>-</u>
Street Address:					
City:	State:	ZIP:			
Name:	· · · · · · · · · · · · · · · · · · ·				
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Street Address:	State:	ZIP:	·		
Additional name(s)	& address(es) attached?	Yes	No X		
4. Application number(s) or pate	ent number(s):				
If this document is being filed to	ogether with a new applic	cation, the execution	date of the applic	eation is:	
A. Patent Ap	oplication No.(s)	l B	3. Patent No.(s)		
		-			
	<u> </u>	_		· .	
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		_	-		
Additions	al numbers attached?	Yes 🔲	No X		

PMCM PTO-1595 (Rev. 6-93) OM3 No. 0651-0011 (exp. 4/94)	. SIGNOLINATION COMMERCE
	Patent and Trademark Office
To the Honorable Commissioner (102141230	d the attached original documents or copy thereof.
1. Name of conveying party(les): OFFICE OF PUBLIC REC	12. Name and address of receiving party(ies):
The Dow Chemical Company 75	
- 100 - 100	
06/25/02 FINANCE SECTI	Internal Address:
	Z JE FO
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: Washington Street
3. Nature of conveyance:	5, 4, 2,
Assignment	Street Address: Washington Street C
☐ Security Agreement ☐ Change of Name	1790 Building
Other	City: Midland State: MI ZIP: 48674
Execution Date: June 3, 2002	Additional name(s) & address(es) attached? Yes X No
Execution Date. June 3, 2002	Additional name(s) & address(es) attacked
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	n, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/826,477	
07/020,177	
Additional numbers atta	ched? Yes X No
Additional Hallipers did	
5. Name and address of party to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Eric M. Dobrusin	7. Total fee (37 CFR 3.41)ss 40.00
Internal Address: Dobrusin & Thennisch PC	7. Total fee (37 CFR 3.41) \$ 40.00
michial Address	☑ Enclosed
	Authorized to be charged to deposit account
Street Address: 401 S. Old Woodward Avenue, Suite 311	8. Deposit account number:
	50-1097 for any deficiencies
City: Birmingham State: MI ZIP: 48009	(Attach duplicate copy of this page if paying by deposit account)
DO NOT S	JSE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the best of my knowledge and belief.	ation is true and/correct and any attached copy is a true copy of
the original document.	111 1
Eric M. Dobrusin	My June 17 2002
Name of Person Signing	Signature Date
	ver sheet, attachments, and document:
7/01/2002 LHUELLER 00000219 09826477 Mail documents to be recorded with r	ademarks, Box Assignments

Assignce Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 numb

10RM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated:

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

ADHESIVELY BONDED ENGINE INTAKE MANIFOLD ASSEMBLY

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at		at	Midla	nd, Michigan 48674, USA	
this		3	day of _	June 2002	
		.• ,		DOW GLOBAL TECHNOLOGIES INC.	
	:	CORP			
	. :	SEAL		By: later	
	· .			-GRAHAM E. TAYLOR Vice President	

NOTARIAL CERTIFICATE (Corporation)

CIVILED BILLIED OF THE			•
STATE OF MICHIGAN) SS		•
County/Parish of Midland	\sim		•
On this 3 day of	June	, 20 <i>02</i>	, personally appeared
before me, GRAHAM E. TAY	/LOR, Vice Preside	nt, DOW GLOB	AL TECHNOLOGIES INC.
known or identified to me to be t and acknowledged the same as a	free act and deed for	r uses and purpose	s therein expressed by
authority of the said corporation of America.	incorporated under t	he laws of the Sta	te of Delaware, United State
I further certify that said authorit	v dated February 1	1, 2002, is based of	on

an Authorization Policy of the said Corporation,

LINITED STATES OF AMERICA)

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

ANN HERITIER NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES DECEMBER 3, 2002

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT

(with Priority Rights)

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Bart R. Jones, 4201 Moorland Drive, Midland, Michigan 48640, United States of America; David M. Courter, 3928 Bristol Court, Clarkston, Michigan 48348, United States of America; Kenneth J. Ritzema, 7648 Red Oak Valley Drive, Clarkston, Michigan 48348-4179, United States of America; Marc A. McMaken, 67714 Gleason, Richmond, Michigan 48062, United States of America; Selamawit Asfaw, 1924 Axtell Road, Apartment #6, Troy, Michigan 48084, United States of America

of an invention relating to and entitled:

ADHESIVELY BONDED ENGINE INTAKE MANIFOLD ASSEMBLY

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any
corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and
Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the
Priority Number 09/826,477 and Filing Date April 4, 2001
in the United States of America
of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the
Corresponding Application Noand Filing Date
in
of the corresponding application in any country where that patent property must be entered for recordal of this Assignment, and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.
Subscribed and Sworn by us at Midland, Michigan 48674, USA
this 3 day of 4une 2002
THE DOW CHEMICAL COMPANY
CORP. SEAL. By:
GRAHAM E. TAYLOR

Associate General Counsel, Intellectual Property

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this 3 day of, 2002, personally appeared before me, GRAHAM E. TAYLOR, Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said corporation incorporated under the laws of the State of Delaware, United States
of America.
I further certify that said authority, dated September 7, 1999, is based on
A Resolution of the Board of Directors of the said Corporation,
which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.
Onn Heiter
SEAL NOTAL Y LIGHT

ANN HERITIER NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES DECEMBER 3, 2002